

Marine Spatial Planning: A Tool to Create our Own Destiny



Jennifer McCann

**URI Coastal Resources Center/Rhode Island Sea Grant
URI Graduate School of Oceanography**



Photo Boat.

SAMP Research

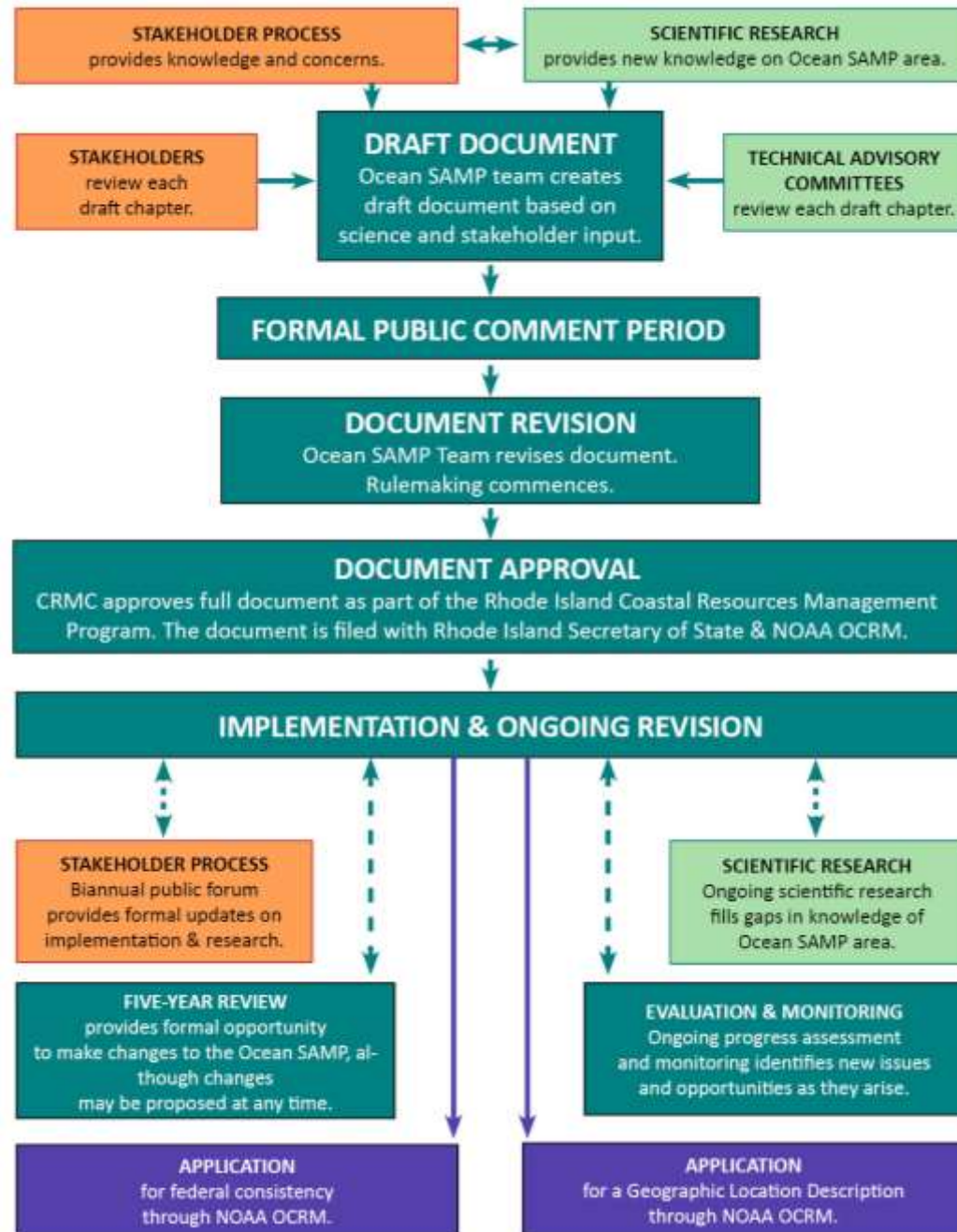
Research Topics Include...

- Wind resources
- Marine mammals and birds
- Fisheries uses
- Physical oceanography
- Ecosystem interactions
- Sediment and benthic habitat
- Cultural resources
- Acoustics and electromagnetic effects
- Meteorology
- Engineering
- Marine transportation uses
- Legal aspects



Ocean SAMP Methods Flowchart

Ocean SAMP Methods Flowchart



Rhode Island Ocean Special Area Management Plan (SAMP)

71°50'W 71°40'W 71°30'W 71°20'W 71°10'W 71°0'W 70°50'W


Map Key

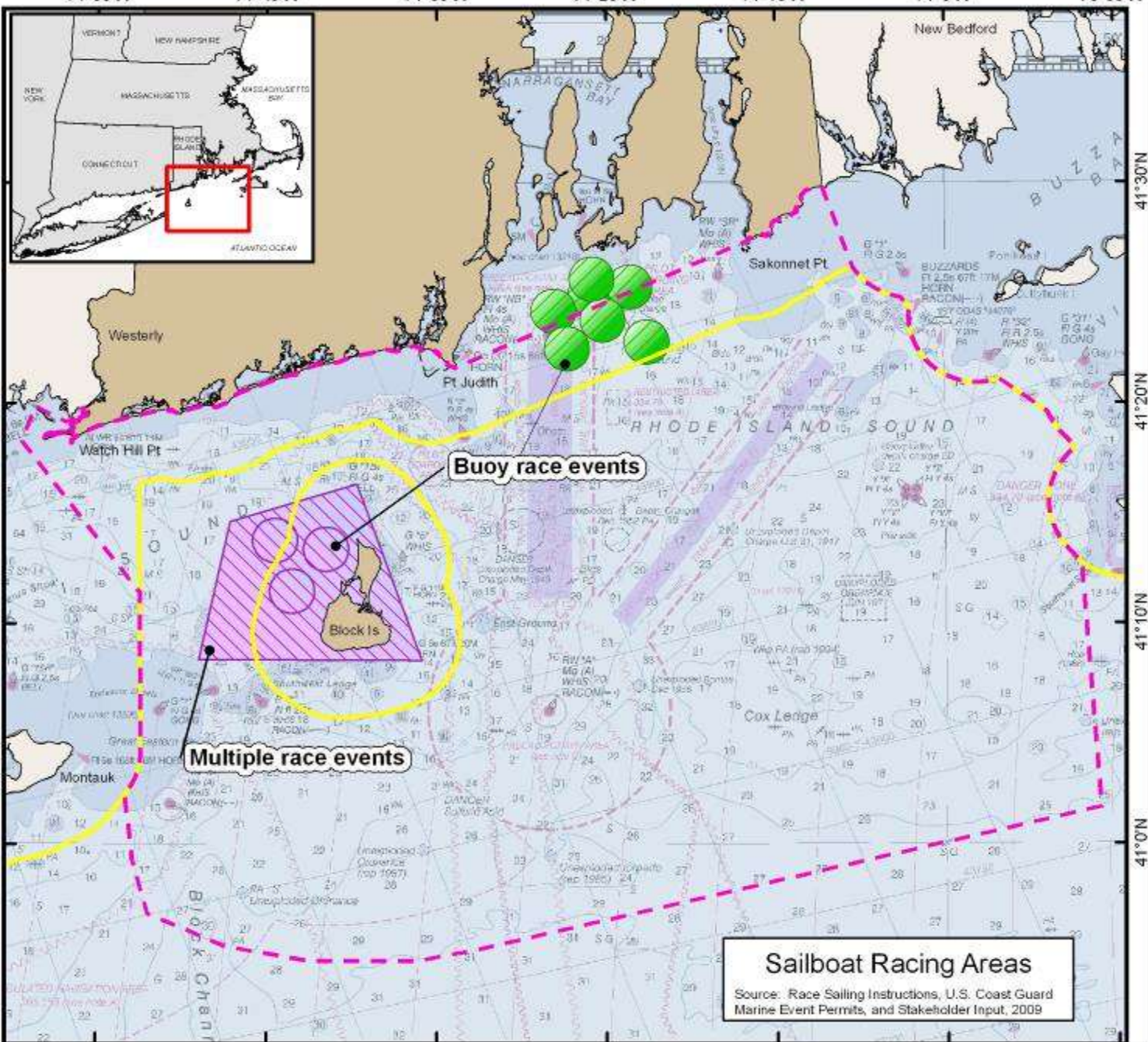
 OceanSAMP Study Area

 State Waters

Sailboat Racing Areas

 Newport Area Sailing Events

 Block Island Sailing Events

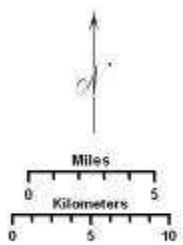


Buoy race events

Multiple race events

Sailboat Racing Areas

Source: Race Sailing Instructions, U.S. Coast Guard Marine Event Permits, and Stakeholder Input, 2009



Coordinate System:
 Projection: RI Stateplane
 Units: Feet
 FIPS Zone: 3806
 Datum: NAD83

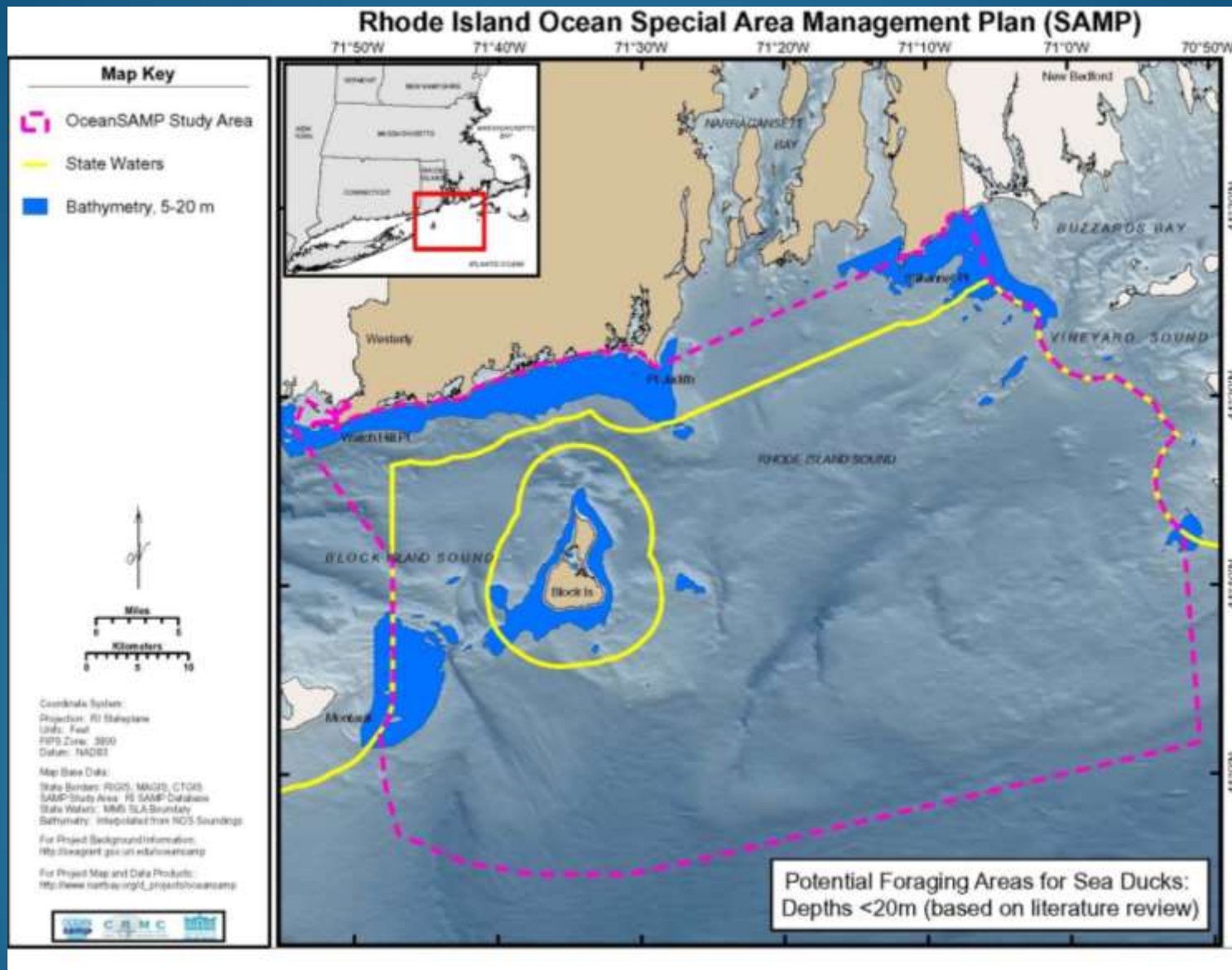
Map Base Data:
 State Borders: RIGIS; MAGIS; CTGIS
 SAMP Study Area: RI SAMP Database
 State Waters: MIMS SLA Boundary
 Bathymetry: Interpolated from NOS Soundings

For Project Background Information:
<http://seagrant.gso.uri.edu/oceansamp>

For Project Map and Data Products:
http://www.narrbay.org/id_projects/oceansamp



Areas Designated for Preservation



Rhode Island Ocean Special Area Management Plan (SAMP)

71°42'W 71°40'W 71°38'W 71°36'W 71°34'W 71°32'W 71°30'W 71°28'W

Map Key

- State/Federal Waters Separation
- Renewable Energy Zone
- 20 Meter Contour
- ENC Navigation Areas

Block Island Bathymetry


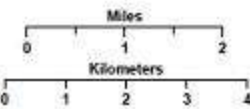
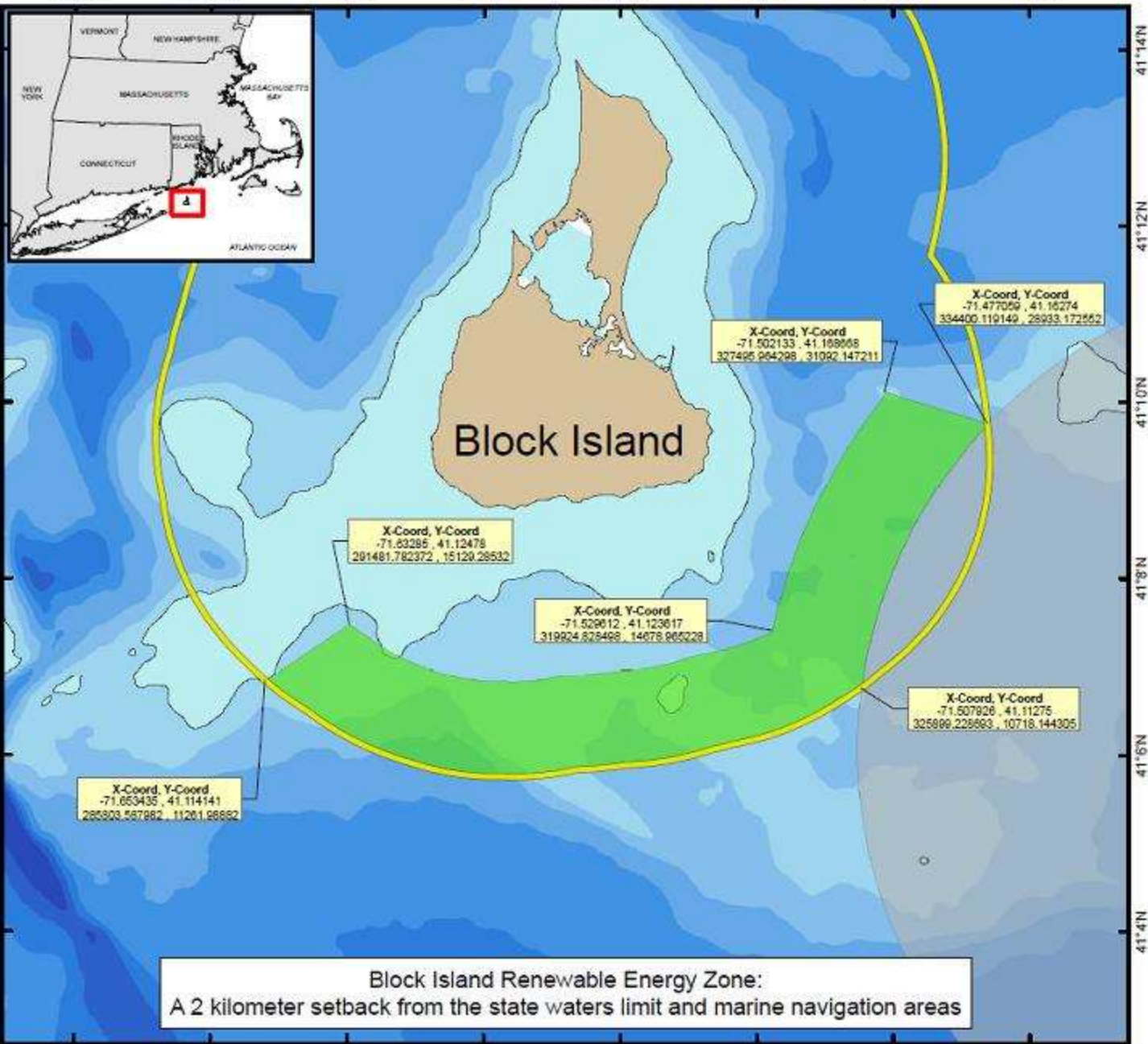
Depth (m)

- < 20
- 25
- 30
- 35
- 40
- 45
- 50
- 55
- > 55

Coordinate System:
 Projection: RI Stateplane
 Units: Feet
 FIPS Zone: 3800
 Datum: NAD83

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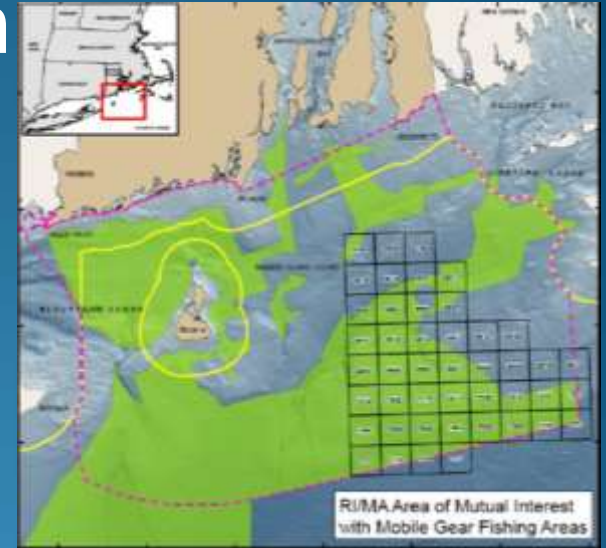



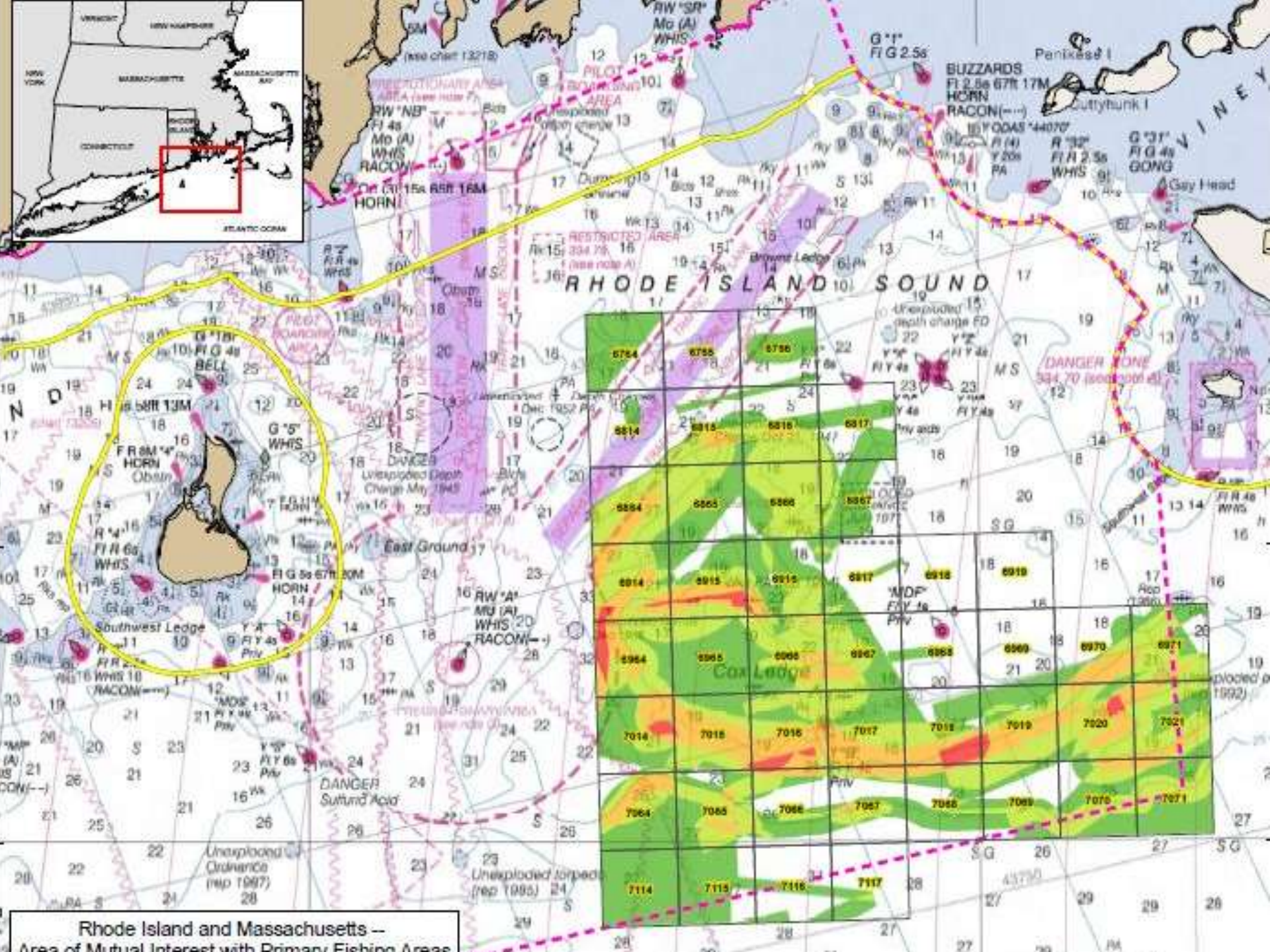
Ocean SAMP

Geographic Location Designation

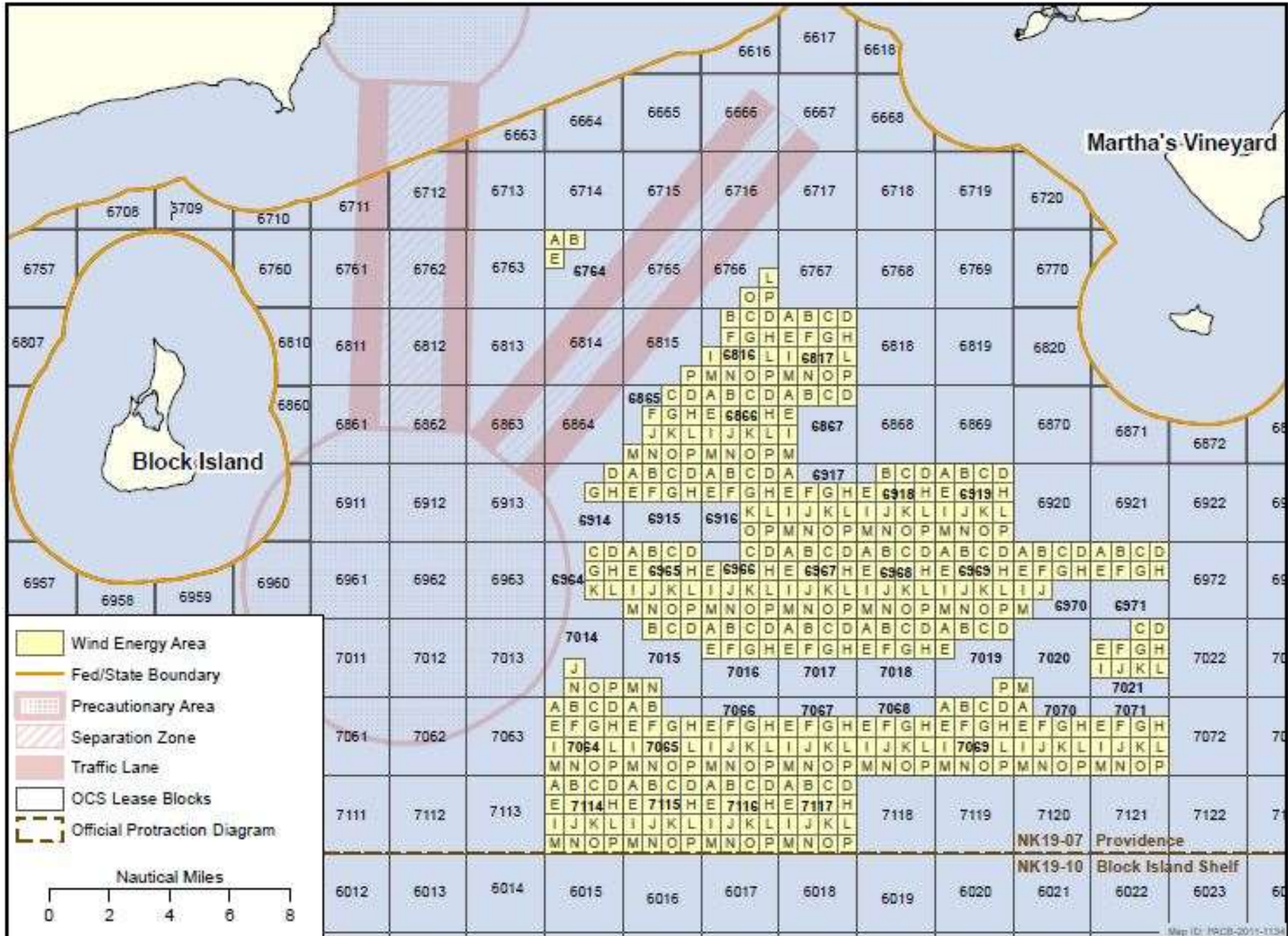
Reasonable Foreseeable Effects

- Fisheries
- Marine Transportation
- Marine Recreation and Tourism
- Ecology and Natural Resources



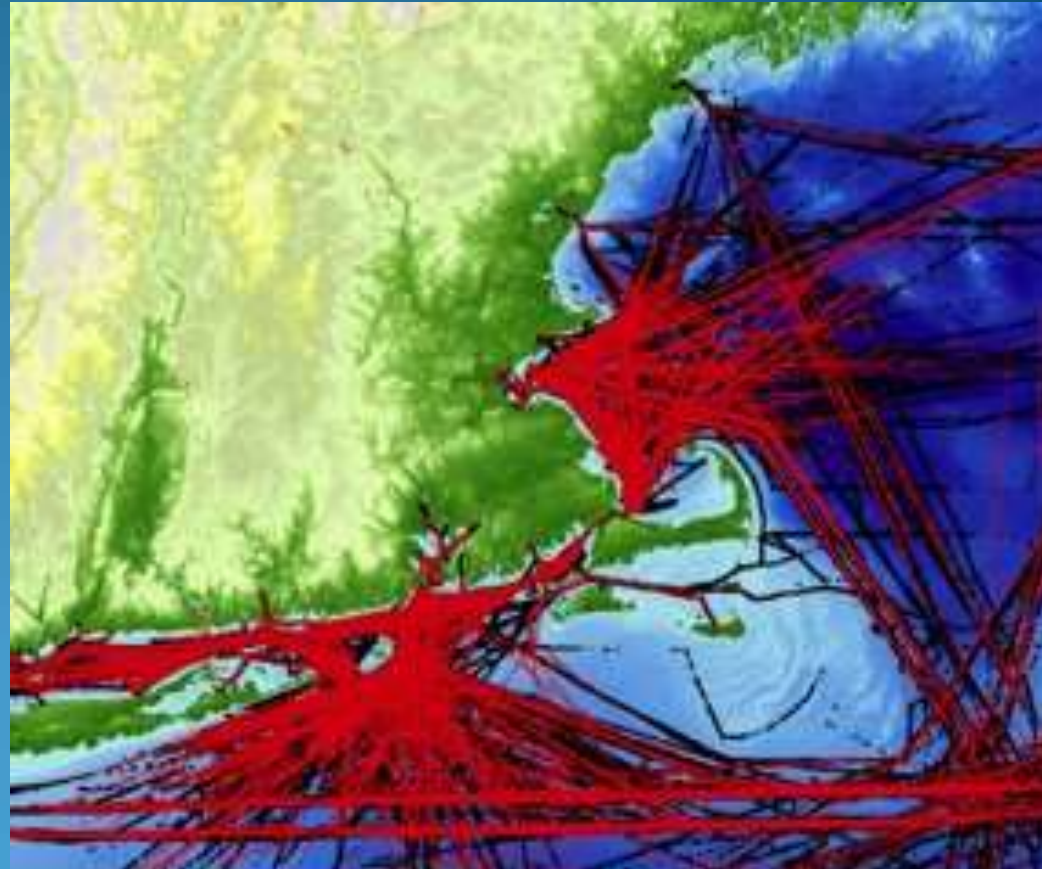


Rhode Island and Massachusetts -- Area of Mutual Interest with Primary Fishing Areas



MSP in the Northeast

- Marine Transportation
- Fisheries
- Recreation
- Aquaculture
- Cultural/Historic
- Natural Resources



Benefits of Regional MSP



Jennifer McCann

University of Rhode Island Coastal Resources Center
Rhode Island Sea Grant College Program

mccann@crc.uri.edu

401-874-6127

<http://seagrant.gso.uri.edu/oceansamp/>



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